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Ypsilanti Township:
The Tip of the Spear in the New Nuclear Arms Race

The worst of both worlds:
Artificial intelligence and nuclear weapons

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Los Alamos Lab Data Center in Ypsilanti, MI?

The Los Alamos National Laboratory = Nuclear Weapons

Central Mission of Los Alamos National Laboratory



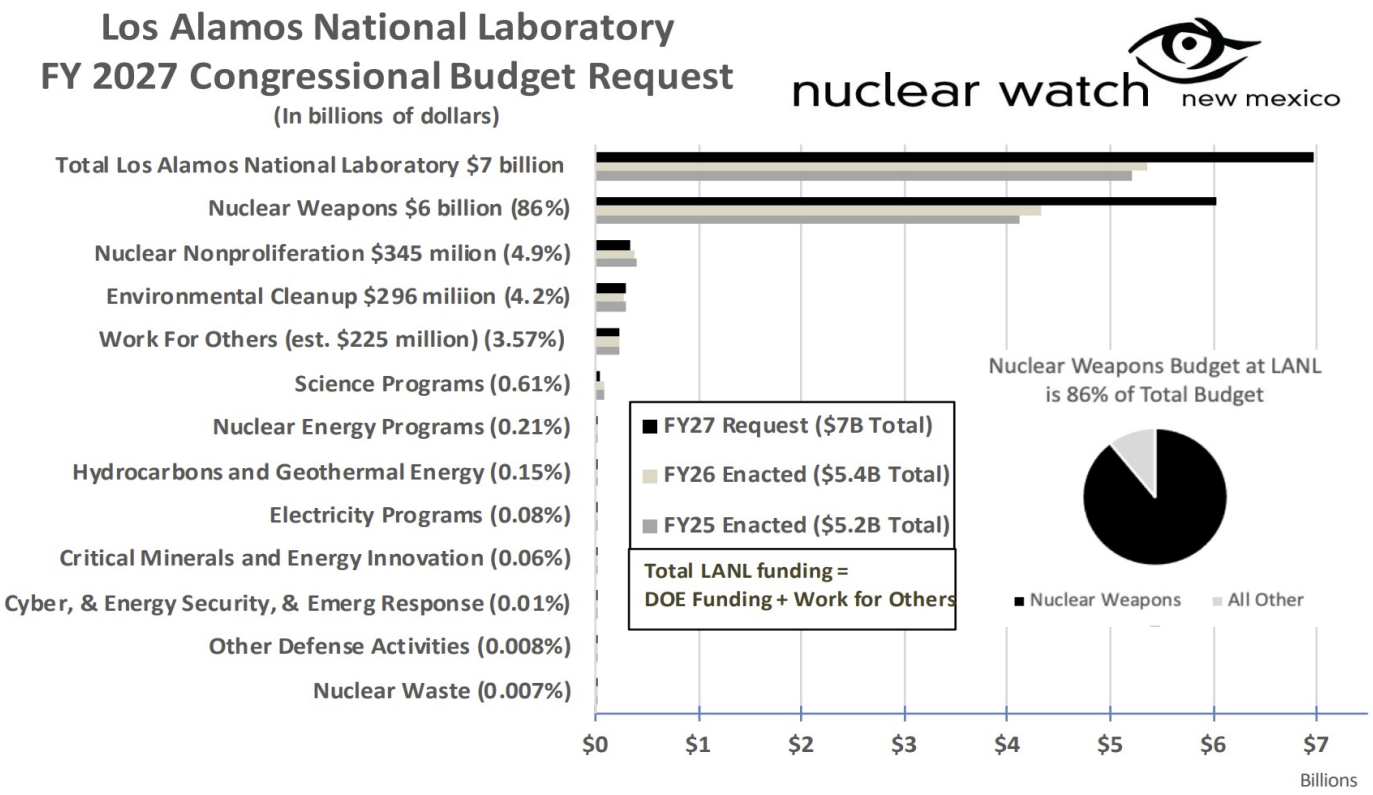
Los Alamos NATIONAL LABORATORY EST.1943

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Money Doesn't Talk, It Swears

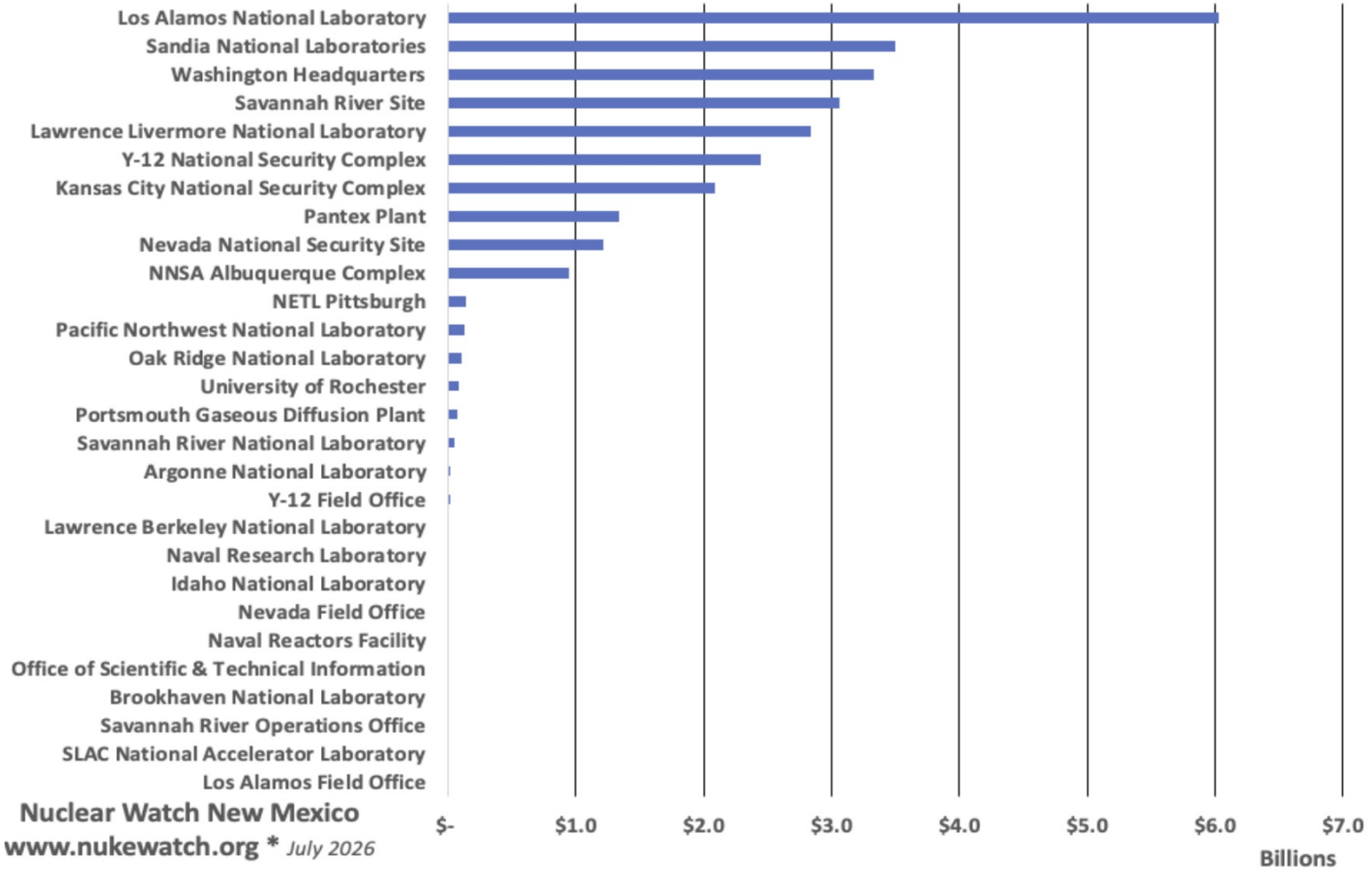


Notes: The percentages are of total LANL budget for FY 2027. "Work For Others" is for other than the Department of Energy (e.g., Depts. of Defense and Homeland Security, the FBI, CIA, etc.) and based on past years is estimated at $225 million annually.

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FY 2027 Budget Request Nuclear Weapons Research and Production By Site

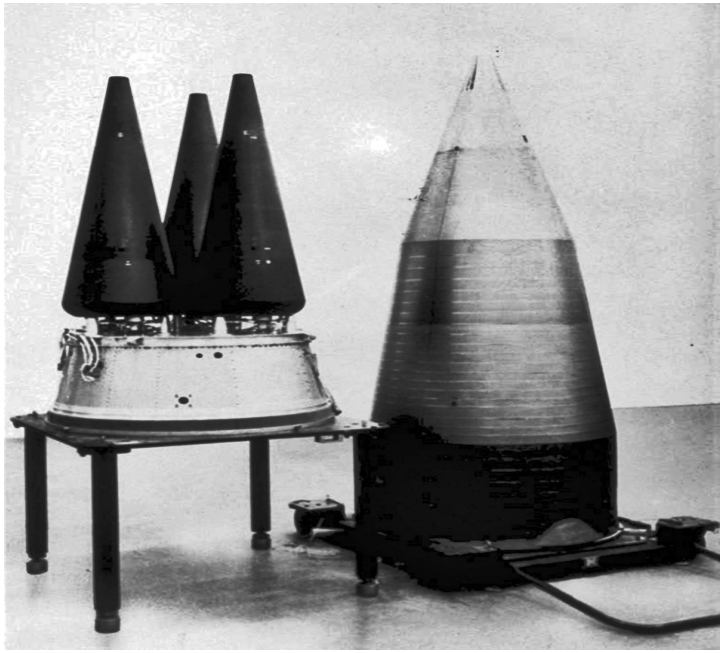
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LANL is Central to $2 Trillion Nuclear Weapons "Modernization." What Does it Mean?

- Rebuilt nuclear warheads extended for decades with new military capabilities.
- New-design nuclear weapons.
- New nuclear weapons production facilities expected to be operational until 2080.
- New ICBMs, new cruise missiles, heavy stealth bombers and strategic submarines.
- Meanwhile, taxes are cut for the ultrarich, homelessness explodes and health care is drastically cut. This is national security?



"Modernization" Means Nuclear Weapons Forever!

“Deterrence” Itself is the Threat

- The one-word rationale for nuclear weapons is always “a safe, secure and effective nuclear deterrent...”
- But the Pentagon rejects “minimal deterrence” while “reiterating the need to maintain counterforce capabilities.”
- This is why Russia and U.S. have 1,000s of warheads.
- Nuclear warfighting capabilities drive “modernization,” in turn driving a new nuclear arms race.
- “Deterrence” has history of accidents and miscalculations.

This second nuclear arms race is arguably more dangerous than the first

- All weapons states are “modernizing” and keeping their nuclear weapons indefinitely, contrary to the 1970 NonProliferation Treaty.
- There are now multiple nuclear weapons states with competing interests.
- There is increased chance of regional nuclear wars (e.g., India-Pakistan).
- Artificial intelligence could sideline human judgement in the command and control of nuclear weapons.
- “Rationality will not save us... this is very important: at the end we lucked out. **It was luck that prevented nuclear war**.” Robert McNamara, then-Defense Secretary during the Cuban Missile Crisis.

Los Alamos Lab is not your environmental friend

- LANL claimed that groundwater contamination was impossible. There is a chromium contamination plume at least a mile long, half mile wide, ~200 feet deep, that has migrated under San Ildefonso Pueblo.
- The Lab lied claiming LANL plutonium had never been found in the Rio Grande. Earlier studies had detected plutonium 17 miles downstream.
- The New Mexico Environment Department has ordered comprehensive cleanup at an old radioactive and toxic waste dump.
- The Lab is bitterly fighting against that. It plans to "cap and cover" a half-million cubic yards of existing radioactive and toxic wastes, leaving them permanently buried in unlined pits as a perpetual threat to groundwater.

Why is LANL Building in Ypsilanti Township?

- Water! and to avoid local opposition. For $300 million LANL gets a "100MW New Construction Facility" (~240,000 sq ft).
- U-M gets a "10MW New Construction Facility" (~50,000 sq ft.).
- U-M and State of Michigan shoulder the rest of the projected $1.25 billion cost. Source: December 2024 Board Minutes, Michigan Strategic Fund
- Lab Director publicly stated no data center at LANL. No mention of Ypsilanti Township, dodging public and congressional scrutiny.
- U of Michigan dodges local ordinances and congressional scrutiny. Where's the transparency?

Ethnic and Economic Similarities between New Mexico and the Ypsilanti Township

- New Mexico is 50% Hispanic, 12% Native American. Los Alamos County is 69% non-Hispanic white and the 11th richest county in USA.
- Ann Arbor (home of U-M) is 73% non-Hispanic White. Ypsilanti Township is 49% People of Color. Source: U.S. Census Bureau.
- "..two distinct housing markets. One is fundamentally strong - anchored by the City of Ann Arbor. The other - the City of Ypsilanti and Ypsilanti Township - is fundamentally weak and in some respects in abject distress." 2015 Washtenaw County Housing Analysis.
- "...the 90th percentile (income) in Washtenaw County is to be white, and to be in the 10th percentile is to not be white." Housing Analysis.

Eugenics and Data Centers

- Eugenics promoting “white superiority” was strong in the United States in the 1920s and 1930s, even inspiring Hitler.
- Artificial intelligence is rooted in eugenics with some arguing that "superintelligence" is the next phase of human evolution.
- 1,500 data centers are built or planned to be built, disproportionally impacting low-income areas and Communities of Color.
- Old military-industrial complex is the new Silicon Valley-Pentagon-Wall Street complex with vast socioeconomic and military impact.
- In all this, nuclear weapons are the ultimate weapon.

Bad Mix: AI and Nuclear Weapons

"AI allows you to get to a bad idea faster"

- October 1963 Cuban Missile Crisis: Soviet political officer vetoed submarine captain's order to fire a nuclear-armed torpedo.
- 1983: Soviet commander's gut instinct delayed reporting of incoming American ICBMs. It was sunlight reflecting off clouds.
- September 2026: AI hallucinated that a Chinese ship was carrying nuclear weapons components. U.S. military raid aborted.
- 95% of Kings College war games: AI escalated to nuclear threats.
- President ~20 minutes to decide ICBMs "use them or lose them."
- What will happen when artificial intelligence is in command and control of nuclear weapons?

Problems with AI and Nuclear Weapons

- Compress decision-making and increase escalation.
- AI can hallucinate and misinterpret unusual weather patterns, solar flares or routine satellite launches.
- AI can be a backdoor to manipulation and cyberattack. Deep fakes could sow confusion leading to catastrophic results.
- AI can undermine “deterrence,” e.g. tracking stealthy submarines.
- AI lowers the technical barriers to designing and producing nuclear weapons.

Ypsilanti Township:
Tip of the Spear in the New Nuclear Arms Race

- LANL's data center is the clearest example of the intersection of nuclear weapons and artificial intelligence.
- LANL says no nuclear weapons production in Ypsilanti.
- But what about design? The U.S. is manufacturing new-design nuclear weapons for the first time since the Cold War.
- New designs can't be tested because of an international testing moratorium, perhaps eroding confidence in the stockpile.
- Or new designs could prompt U.S. testing (which Trump has threatened), after which all proliferation hell would break out.



Resist Locally, Nationally and Internationally!

- Nationally mid-term elections widely rebuked data centers.
- Resistance to LANL's data center has great significance:
  - locally in protecting people and the environment,
  - nationally in helping to create a more equitable society, and
  - internationally curbing AI control of nuclear weapons.
- Surely LANL never anticipated the Ypsilanti Township's incredible resistance. I salute you!
- New-design nuclear weapons are the tip of the spear of the new arms race. Keep on fighting against LANL's data center!

